The Groundplane

April 2008
Volume 9 Issue 4
Bill, WB9YVM — Editor

The monthly Newsletter of the South Bay Amateur Radio Association *Fremont, Ca.*

Moving Maps

If you would like to see the lie of the land in our area, or any other place on earth, take a look at the latest improvement to Google Maps (http://maps.google.com). Zoom and pan to your favorite spot, then click on the new button that has appeared top right labeled **Terrain**. Instead of the usual street map you will see a picture with contour shading, letting you view the rolling hills further the terrain of our own area of the Silicon Valley or Fremont Community. Incidentally, the Satellite button now has a Show labels check box to turn the road display on and off. Give them a try!

Station Locator Service New for Field Day 2008

This year, for the first time, the ARRL has put together a Station Locator to help amateurs or those interested in Amateur Radio find a Field Day site near them. According to ARRL Field Day Manager, Dan Henderson, N1ND, many amateurs have been asking for something like this for many tears

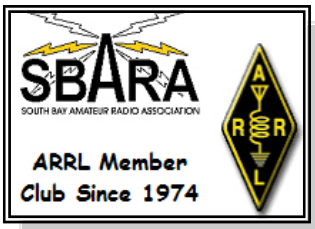
AMTech Day SLAC April 8th. 2008—FARS Amateur Radio

Photos represent San Mateo OES Comm Van. Radio Control and Ntwk. Connectivity including wireless. The antenna mast extends to 40 feet and has VHF, UHF including Amateur and Trunk tracker antennas. The black circular looking cable is actually washing machine hose that all coax feeds through to get to the 40 foot height. There is also a Satellite dish and central air on the roof of the Van, total to build less van, ~250,000 dollars.

Much of which was Homeland Security funds that were applied for. Licensed hams operate all equipment.

Photos by Bill Artelt, WB9YVM SBARA PIO

Amtech Day (by FARS) is always the 1st Saturday of the month at SLAC and is well attended….



Inside this issue:

Field Day	2
K3 — Field Day Raffle	3
Treasurers Report	4
Is Your Bicycle Ready?	5
Tri-City Emergency Fair	8
Board Members	9
Wrapper	11

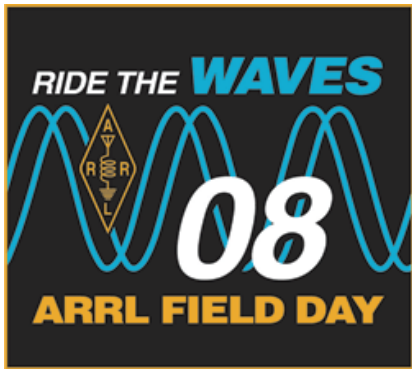
The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

2008 Field Day Web Page Good to Go:

The official 2008 ARRL Field Day Web page **http://www.arrl.org/FieldDay** is up and running. The page includes a summary of available resources, with links to Field Day forms and rules, logos and reference links.

There is also a link for ordering commemorative Field Day T-shirts, pins and other supplies. ARRL Sales and Marketing Manager Bob Inderbitzen, NQ1R, said supplies will begin shipping in early March, but it's not too early to place a pre-order now. Radio clubs are encouraged to order early.

ARRL Field Day is June 28-29, 2008 at SBARA's location at Lake Elizabeth in Fremont, Ca. More details to follow……



Volunteers are needed to make SBARA Field Day a BIG Success !!!!

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

SBARA Field Day Raffle 2008 — Al Rendon, WT6K

2008 FIELD DAY K3 RAFFLE

To date we have sold over $2,300 of this year's raffle tickets thanks to Your response via the e-mail purchase program we started. It has been exciting to see the tremendous response and support from the membership for this year's Field Day raffle. It is clear to us that the new super K3 was a great choice for the raffle prize. The recent team at VP6DX Ducie Island expedition used K3's. They broke the old record for the most contacts made, >180,000

Thanks to all the members who have ordered their K3 raffle tickets by e-mail. It has been the most popular way that you have used to buy them and is the easy way to get your tickets and support this year's Field Day K3 raffle fundraiser. E-Mail Al Rendon (wt6k@arrl.net) with the quantity you want and he will mail them to you. It is that easy!

For those of you who are planning to attend the April 11th, SBARA meeting at Hurricane Electric, tickets will be available for you to purchase.

For those of you who have yet to make up your mind regarding the purchase of raffle tickets, the SBARA leadership team thanks you in advance for your continued support.

73,
See you Friday April 11th at the membership meeting.
SBARA Leadership Team

For Sale....

Bill, WB9YVM has a Dell Inspeorion 1505 Laptop with MS Windows XP installed. Includes 2 Gb of DRAM, and a 100 Gb hard-drive, battery and external power supply. This Laptop is available directly from Bill at $500 OBO. Makes a great portable system especially with Field Day coming.

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

Treasurers Report, April— Bernhard Hailer, AE6YN

Dear Groundplane Reader,

The SBARA board had some busy days, several volunteers went out to various flea markets and swap meetings to distribute tickets for the field day raffle. This took off beautifully, and we broke even with the money we have spent to purchase the Elecraft K3 and for some other related expenses (e.g. the print job for the raffle tickets and some parking fees at the various swap meeting places). Everything coming in now helps us to improve our antenna farm for the Field Day. I'm happy that we could achieve this, and I'm looking forward to the Field Day!

It's tax season. My personal taxes will be done this weekend. SBARA is tax exempt, but nevertheless has to declare its income and expenses to the state (the IRS does not require it). The deadline is 30 days later than the one for individuals, i.e. mid of May. I hope I can do this very soon, so that I can update you in next months Groundplane on it.

73!
Bernhard, AE6YN

Located on the MCU Van inside right rear door is this Caution sign.....

Dayton 2008 will be held May 16—18th. The Dayton Hamvention® Hara Arena 1001 Shiloh Springs Road Trotwood, Ohio

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

Primivera Bicycle Ride — Tony Flusche, AB6BR

The Fremont Freewheelers Bicycle Club's "Primivera" Bicycle Ride

SBARA has been asked to provide radio support for the Primivera bicycle Ride on Sunday April 20, 2008. SBARA has provided radio support for Primivera in the past. We lost this event to the Mt. Diablo Radio Club in 2002 when it conflicted with Baker to Vegas.

The bike ride starts and ends at Logan High School in Union City, travels south to Ed Levin Park, East/North up Calaveras Rd to Sunol, east through southern Pleasanton and Livermore to the top of the Altamont pass then west back through central Livermore and Pleasanton, over the Dublin grade next to 580, south down Palomares Canyon to Niles Canyon and back to Logan High School. There are options for rides of 25,40,60 and 100 miles.
We need to cover 5 aid stations, plus net control and as many SAG vehicles as possible, up to 17. The most important SAG areas to cover with Ham Radio are Calaveras Rd and Palomares Canyon as cell phones do not work there. An HT with any outside the car antenna will work for SAG. An HT with a rubber ducky will suffice at all the aid stations except Ed Levin where a mast and gain or beam antenna will be required. We will be using the 147.045 repeater on Sunol ridge.

Morning only or afternoon only shifts are available. Contact Tony Flusche

TonyF@att.net 510-247-3220.

SBARA CW Practice Group — Bernhard Hailer, AE6YN

SBARA CW Practice Group

Dear CW enthusiast (or prospective enthusiast),

There was an accident during preparation of the last Groundplane issue. Some information was mixed up and we listed incorrect dates and frequencies for our CW schedule. The correct data for our CW practicing is every:

Tuesday, 8 p.m.

Sunday, 4 p.m.

on

21.400 Mhz +/- 5 kHz

We will slow down for you, don't be scared away if somebody is really fast there! Just send a „bk" and your callsign, we will adjust to your skills. We will also be able to listen to and to send SSB, usually we do some short chat in SSB at the end of our practice rounds.

Looking forward to meet you on 15m!

Isaac, KI6DIL, Amanda, AF6YL, Al, WT6K and I would be happy to meet you, too!

Bernhard, AE6YN

ae6yn (at) arrl (dot) net

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

W1AW to Celebrate World Amateur Radio Day as NU1AW

Each year on the anniversary of its founding, April 18, the International Amateur Radio Union (IARU) marks World Amateur Radio Day. On this, the 78th anniversary of its inaugural meeting in Paris, the IARU dedicates World Amateur Radio Day to the radio amateurs, educators and administrators who use Amateur Radio to support technology education in the classroom.

While the actual date of World Amateur Radio Day is not until next month, ARRL staffers will be activating W1AW in the CQ WPX SSB Contest this weekend (March 29-30) using the IARU club call sign NU1AW. By celebrating the event, staffers hope to provide an opportunity for hams worldwide to put NU1AW in their logs, chase the WPX award and learn about HF propagation as the world turns through day and night not once, but twice! Springtime propagation near the equinox is enhanced on the HF bands, even during the Solar Cycle minimum, so it's worth taking a listen even if the HF bands have been quiet lately.

This year's theme for World Amateur Radio Day is "Amateur Radio: A Foundation of Technical Knowledge." What better way to express the theme than by engaging in one of the largest international radiosporting events. ARRL Contest Branch Manager Sean Kutzko, KX9X, said, "If you haven't tried HF contesting or the WPX contest, the general format is to exchange a signal report (a simple '59' will do nicely) and a serial number (the number of the contact in the contest for you). The contest Web site spells out the way to compute your score, but the fun of this contest is to contact as many different prefixes as possible. For example, NU1AW counts as the NU1 prefix and KX9X counts as KX9. If you're new to HF, your prefix might be one sought after by those calling CQ! The WPX contest also features a 'Rookie' category for new radiosport folk, so be sure to send in your log as described by the rules - it's easy!"

World Amateur Radio Day is also an opportunity for publicizing Amateur Radio to the interested public that may not be familiar with ham radio activities. Radiosport is an excellent way to introduce our service to teachers and students, as well. Competitive activities are an important focus for students to take the opportunity to ask questions about how signals get "from here to there" while watching hams make rapid-fire contacts around the world or even making a contact or two themselves, Kutzko said.

"NU1AW is not expected to be seriously competitive in the event," Kutzko explained, "but will make every attempt to be on the air as propagation warrants, so we hope to hear you marking the day and making World Amateur Radio Day a part of your springtime ham radio operation."

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

Field Day 2008 Planning Meeting—By Al Rendon, WT6K

SBARA members are busy planning for this year's Field Day, June 28th & 29th. Interested members are meeting the last Wednesday of the month at Mission Coffee (Mission Blvd and Washington Blvd.) starting at 7:30PM. Everyone is invited to attend the April planning meeting on April 30th. Come and get involved with the planning and operating of one of the many stations SBARA will have at Lake Elizabeth, in Central Park on the 28th and 29th of June.

The March 26th meeting was productive and a very good beginning. In attendance were Adam Feriante ND6N, Bernhard Hailer AE6YN, Brad Douglas KB8UYR/6, Umesh Ghodke K6VUG, Don Amyx N6DA and Al Rendon WT6K.

Here is what has been decided;

Bernhard Hailer will put up a 20M CW station that operates during daylight hours on 20M then is switched to 80M CW in the evening.

Umesh Ghodke will put up a 20M SSB station that operates during daylight hours on 20M then is switched to 80M SSB in the evening.

Steve Wilson will set up the 40M SSB station.

Al Rendon will set up the 40M CW station.

Sam Severs WS6S will set up the 15M SSB GOTA Station for our guests and members to operate. We will receive additional points for contacts made by operators under 18 years old. Please invite any 'youth' you know to our Field Day and encourage them to operate the GOTA station.

Adam and Kortnee Feriante will be handling the Saturday night potluck.

So it looks like we will be sending the exchange, KU6S 4A East Bay...

Looking forward to hearing about your ideas at the April SBARA membership meeting on April 11th. Come join you fellow members for the pre-meeting dinner across Warm Springs Blvd . from Hurricane Electric at the 'WOK City Dinner' behind Denny's in the Long's Drug Store shopping center.

73,

SBARA Leadership Team.

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

Third Annual Tri-Cities Emergency Preparedness Fair

Contact: **Battalion Chief Brian Caminda**
Newark Fire Department
(510) 578-4461
Brian.Caminda@Newark.org

Major Earthquake Will Likely Disrupt Essential Public Services

The Third Annual Tri-Cities Emergency Services Association Emergency Preparedness Fair on April 19 will help residents in Fremont, Newark and Union City prepare for the next major Bay Area disaster

The Tri-City Emergency Services Association (TESA) is a unique working collaborative of all essential services agencies in Newark, Fremont, and Union City. The core mission of TESA is to bring these agencies together to coordinate efforts so that effective disaster response planning and recovery can be achieved. Even with this unique emergency planning in place, the TESA agencies recognize that the effects of a major natural disaster on the Tri-City area means that most essential public services for local residents will likely be interrupted for days or possibly even weeks following the event.

Immediately following a major earthquake on the Hayward fault, many Tri-City residents will be left without water, electricity, natural gas, and garbage services. Damage to major transportation corridors may make travel impossible, and police and fire services will be stretched to their limit. During this critical time, families and individuals will have to rely on any advance preparations they have made to support themselves. Hurricane Katrina demonstrated that such advance planning can mean the difference between life and death.

All Newark, Fremont, and Union City residents are invited to attend the free Emergency Preparedness fair on Saturday, April 19 from 10 Am to 3 PM at the George M. Silliman Center, 6800 Mowry Avenue, Newark, to learn what they can do to increase their chances of surviving the next Bay Area disaster.

The Tri-Cities Emergency Services Association (TESA) is making available critical information on surviving the disaster. Those attending the Emergency Preparedness Fair will:

- *Learn simple yet important steps to take to prepare for the next disaster;*
- *Be able to practice turning off utilities, such as natural gas;*
- *Have an opportunity to sign up for emergency preparedness training;*
- *Be able to purchase emergency supplies and preparedness kits.*

TESA has worked together since 1974 with the mission of bringing together essential Tri-City organizations to achieve effective coordination, planning, response and recovery for disasters within the Tri-City area. This unique regional disaster preparedness collaboration crosses city borders for more effective response and recovery for all residents of the Tri-City community.

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

South Bay Amateur Radio Association
Founded 1974
Mailing Address
Box 8401
Fremont, Ca. 94537-8401
Web Site — www.sbara.org

President
Steve Wilson, KA6S

Vice President
Don Amyx, N6DA

Treasurer
Bernhard Hailer, AE6YN/ DL4MHK

Secretary
Brad Douglas, KB8UYR

Past President
Andy Romeril, KG6MDS

License Trustee
Mike Studer, K6EEP

Technical Advisor
Mike Studer, K6EEP

Newsletter Editor
Bill Artelt, WB9YVM

Webmaster
Umesh Ghodke, K6VUG

Quartermaster
Jim Wood, KE6IVA

Program Facilitator
Al Rendon, WT6K

Refreshments
Open Position

Board Members at Large
Lloyd Hartshorn, N6DOK
Sam Severs, WS6S
Douglas Wilson, KG6RHG

Fremont Repeaters & Net Information

WA6PWW -	147.015 +600Khz, PL 103.5
WA6PWW -	223.900 –500Khz, PL 107.2
WA6PWW -	442.600 +5Mhz, PL 107.2
K6AIR -	146.940 –600Khz, PL 123.0
K6AIR -	441.525 +5Mhz, PL 123.0

ARES - Tuesday @ 7:30pm - 147.015 + PL 103.5

CW - Tuesday, 8 p.m. and Sunday, 4 p.m. on 21.400 Mhz +/- 5 kHz

The South Bay Amateur Radio Association is a general interest amateur radio club serving the Fremont Tri-City area. The club has been in existence since 1974, and has functioned continuously ever since. We are an ARRL Special Service Club, a California not-for-profit tax exempt organization as specified in IRS Statutes. We sponsor training for new hams, license examination sessions, and participate in various public service events. If you have a specialized amateur radio interest, chances are you can share it with one or more of our club members.

SBARA meets on the 2nd Friday of every month at Hurricane Electric in Fremont, California. The meeting begins at 7:30 PM. After conducting business, coffee and snacks are served while we socialize. Following the break, a program of interest will be presented. All persons interested in amateur radio are invited to attend. Families are welcome. We hope to see you there!

For those who would like to upgrade their licenses, here's an alternative testing opportunity. The Silicon Valley VE Group has scheduled regular test sessions every alternate Saturday morning at the HP facility in Cupertino. The ARRL site shows the following info for this Saturday, information:

Sponsor: SILICON VALLEY VE GROUP
Time: 8:00 AM (Walk-ins allowed)
Contact: MORRIS E JONES
(408)507-4698
Email: AD6ZH@ARRL.NET <mailto:AD6ZH@ARRL.NET>
VEC: ARRL/VEC <http://wireless.fcc.gov/services/amateur/licensing/vecs.html>
Location: HEWLETT PACKARD
19333 VALLCO PKWY
BLDG #2
TESTS START BETWEEN 8-10:30AM
MAP N37 19.490 W122 00.568
CUPERTINO, CA 95014

In addition, these sessions are planned every two weeks through at least the end of May (March 17, April 7, April 21...).

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

ANAHEIM, CA
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA
1525 W. Magnolia Blvd, 91506
(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Magnolia between
S. Victory & Buena Vista
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
5375 Kearny Villa Rd., 92123
(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102, 94085
(408) 736-9496
(800) 854-6046
Howard, W6HOC, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
John, N5EHP, Mgr.
denver@hamradio.com

PHOENIX, AZ
1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBRIDGE, VA
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
(800) 444-4799
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston
salem@hamradio.com

12 STORE BUYING POWER

HAM RADIO OUTLET®

WORLDWIDE DISTRIBUTION

KENWOOD

TS-2000 HF/VHF/UHF TCVR
- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

Low Intro Price!

TH-D7A(G) 2M/440
- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

Low Pricing!

TM-D700A 2M//440 Dualband
- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built In 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

SUNNYVALE, CA
510 Lawrence Exp. #102, 94085
(408) 736-9496
(800) 854-6046
Howard, W6HOC, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

ICOM

IC-706MkIIG HF/VHF Transceiver
- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menues

Low Pricing!

IC-756 PRO III All mode Transceiver
- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!

ALINCO

DJ-196T 2M/HT
- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!

DR-135TP 2M mobile
- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

COAST TO COAST FREE SHIPPING
UPS - Most Items Over $100

Rapid Deliveries From The Store Nearest To You!

YAESU

VX-7R
50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

Great Price!

FT-857D
Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel

(YSK-857 required)

Call for Low Price!

FT-2000 HF + 6M tcvr
- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

Call Now For Low Pricing!

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536

Announcements

SBARA's monthly meeting is
April 11th. Starting at 7:30pm

Our meeting location is at Hurricane Electric. The address in Fremont is:

760 Mission Court — Come to the meeting and bring your HT !!

Talk-In 147.015Mhz. +600

Laptop for Sale—Reduced Price!!

The Ground Plane — KU6S
http://www.sbara.org
South Bay Amateur Radio Association — SBARA
P.O. Box 8401
Fremont, Ca. 94537-8401

The Ground plane Copyright 2008 — SBARA's Monthly News and Information Publication. Fremont, CA. 94536